

Produced by the U.S. Geological Survey  
Revised by the U.S. Forest Service

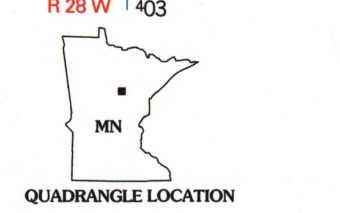
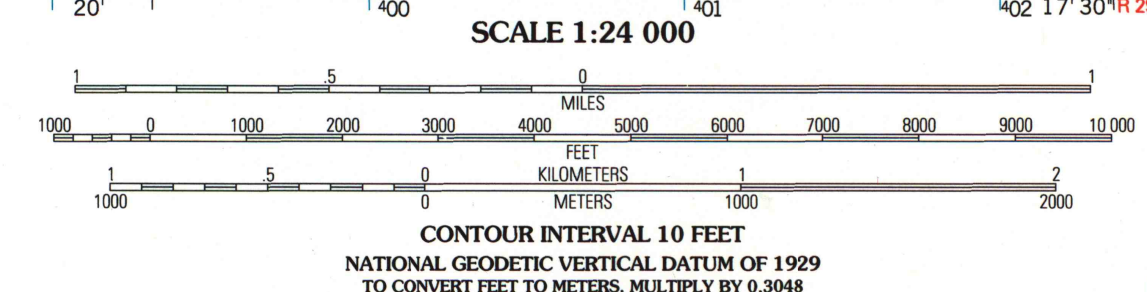
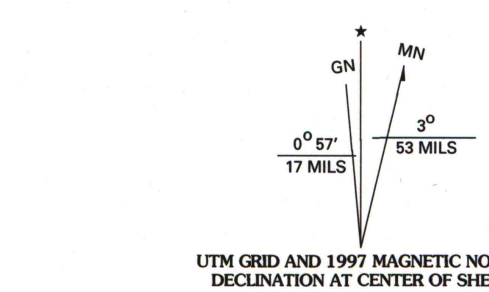
Topography compiled 1970. Planimetry derived from imagery taken 1991  
Public Land Survey System and survey control current as of 1996  
Partial field check by U.S. Forest Service 1996

Hydrography compiled from information furnished by  
Minnesota Department of Conservation

North American Datum of 1927 (NAD 27). Projection and 10 000-foot ticks:  
Minnesota coordinate system, central zone (Lambert conformal conic)  
Blue 1000-meter Universal Transverse Mercator ticks, zone 15  
North American Datum of 1983 (NAD 83) is shown by dashed corner ticks  
The values of the shift between NAD 27 and NAD 83 for 7.5-minute  
intersections are obtainable from National Geodetic Survey NADCON software

Non-National Forest System lands within the National Forest  
Inholdings may exist in other National or State reservations

This map is not a legal land line or ownership document. Public lands are  
subject to change and leasing, and may have access restrictions; check  
with local offices. Obtain permission before entering private lands



1	2	3	1 Pennington
			2 Raven Lake
			3 Bena NW
4	5		4 Sucker Lakes
			5 Bena
			6 Ottertail Point
			7 Sugar Point
6	7	8	8 Federal Dam

ADJOINING 7.5' QUADRANGLES

HIGHWAYS AND ROADS

Interstate		Primary highway	
U. S.		Secondary highway	
State		Light-duty road	
County		Paved	
National Forest, suitable for passenger cars		Gravel	
National Forest, suitable for high clearance vehicles		Dirt	
National Forest Trail		Composition unspecified	
		Unimproved; 4 wheel drive	
		Trail	
		Gate	

PORTAGE LAKE, MN  
1996  
NIMA 7178 IV SE - SERIES V872



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